Depth 6	Contents 7	Reference to last Measurement 8

First and Final Bill

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 228251

Serial No. Construction of cement concrete Road and Improvement of Drains in Kodigehalli Gangabhavani colony in ward No. 08 (Kodigehalli) Kodigehalli Sub Division

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency Sri Naveen Kumar. N.

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work order No. EE/BTP/BBMP/E-DMT/19(92no)/WO/602/2013-14 Date: 04.03.2014						
	Job No: 008-14-00004						
	Est Cost: 15.00 lakh						
	1) Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto upto 0.5m excavated surface levelled and sides neatly dressed the disposed earth etc complete.						
	Gangabhavani colony Drain	1	30.00	1.00	0.75	22.50	
		1	30.00	1.00	0.75	22.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	1.00	0.75	22.50	
		1	30.00	1.00	0.75	22.50	
		1	6.10	1.00	0.75	4.61	
	CC Road	1	30.00	(5.1+5.0)/2	0.15	22.73	
		1	30.00	(5.0+5.15)/2	0.15	22.84	
		1	30.00	5.10	0.15	23.06	
		1	30.00	5.10	0.15	22.95	
						201.13 cu	
					@	60.00/cu	12068=00
2)	Earth work excavation for foundation & buildings culverts water supply sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width in ordinary soil not exceeding 1.5m as complete						

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work	
1	2	
	3) Loading and unloading Kankar / murrum placing and loading	

Depth 6	Contents 7	Reference to last Measurement 8
0.75	22.50	
0.75	22.50	
0.75	4.61	
0.15	22.73	
0.15	22.84	
0.15	23.06	
0.15	22.95	
	201.13 cu	
@	60.00/cu	12068=00
work water supply in trenches 1.5m & complete		

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 228252

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	5.60	1.35	1.20	8.91 cu	
					@	149.84/cu	1335=00
	3) Loading and unloading & stone boulders / stone aggregates / sand / kankar / moorum placing tipper or loading point loading with brush and loaders						
		Qty vide item No. 1 & 2					
				201.13 + 8.91 =		210.00	
					as limited to	95.00 cu	7340=00
					@ 77.26/cu		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Providing and laying in position plain cement concrete of mix M7.5 with opc cement @ 180 kg/cum with hand and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.57 cum machine mixed concrete laid of complete						
	CC Drain	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	6.15	0.90	0.15	0.83	
	CC Road	1	30.00	(5.1+5.0)/2	0.15	22.73	
		1	30.00	(5.0+5.2)/2	0.15	22.95	
		1	30.00	(5.2+5.1)/2	0.15	23.18	
		1	30.00	5.40	0.15	22.95	

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Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
	culvert	1 1
	5) Providing and laying in pos deep in mix M20 with opc cem size graded granite metal coars aggregates @ 0.571 cum of complete	

30/9/20

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Depth 6	Contents 7	Reference to last Measurement 8
	concrete of mix M7.5 size graded granite @ 0.57 cum machine	
0.15	4.05	
0.15	4.05	
0.15	4.05	
0.15	4.05	
0.15	0.83	
0.15	22.73	
0.15	22.95	
0.15	23.18	
0.15	22.95	

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 228253

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	20.00	$\frac{(5.1+5.3)}{2}$	0.15	15.60	
	culvert	1	5.60	1.35	0.15	1.13	
						119.82 cum	
					@	4237.20/cum	507913.00
	5) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.87 cum and fine aggregates @ 0.57 cum complete						

30/9/2014

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Bottom concrete	1	30.00	0.90	0.10	2.70	
		1	30.00	0.90	0.10	2.70	
		1	30.00	0.90	0.10	2.70	
		1	30.00	0.90	0.10	2.70	
		1	11.50	0.90	0.10	1.04	
	Side wall	2	30.00	0.10	0.50	3.00	
		2	30.00	0.10	0.50	3.00	
		2	30.00	0.10	0.50	3.00	
		2	30.00	0.10	0.55	3.30	
		2	11.50	0.15	0.55	1.90	
	Culvert Bottom	1	5.60	1.20	0.20	1.34	
	Sidewall	2	5.60	0.20	0.90	2.02	
	Deck slab	1	5.60	1.20	0.23	1.55	
						30.65 cum	170698=00

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P..

@ 5569.26/cum

M.A

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
	6) Providing TMT Steel reinforce straightening, cutting, bendin lapping and/or welding where premea No 2	
	7) Providing and removing center ing and removal of form for v cum thickness including allowa	

Depth 6	Contents 7	Reference to last Measurement 8
0.10	2.70	
0.10	2.70	
0.10	2.70	
0.10	2.70	
0.10	1.04	
0.50	3.00	
0.50	3.00	
0.50	3.00	
0.55	3.30	
0.35	1.80	
0.20	1.34	
0.80	2.02	
0.23	1.55	
	30.65 cum	170698=00
@ 5569.26/cum		

M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 228254

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	6) providing TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking placing in position lapping and/or welding wherever required as complete						
	premeasurement recorded vide page						
	No 228298 of this MB is –					19.82 cum	
					@	7288.46/cum	145186=00
	7) providing and removing centering shuttering, struting propping as and removal of form for vertical surface such as walls of any thickness including attached platform as complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cc drain Side walls	4	30.00	-	0.55	66.00	
		4	30.00	-	0.55	66.00	
		4	30.00	-	0.55	66.00	
		4	30.00	-	0.55	66.00	
		4	11.50	-	0.55	25.30	
	culvert Bottom	4	5.60	-	0.80	20.16	
		2	5.60	0.80	-	4.48	
		2	5.60	-	0.23	2.58	
		2	1.20	-	0.23	0.55	
						275.48 cum	
					@	267.69/cum	73743=00
	8) RCC Precast covering slab for Drain 10cm thick						

15/6/14

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

M.A

Serial No.....

Name of work.....

Name of Contractor of nature of Agency....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
		1
		1
		1
	9) Providing and laying cement	
	size granite Jelly & ready mixe	
	in 15cm thick layers and well	
		1

Depth 6	Contents 7	Reference to last Measurement 8
0.55	66.00	
0.55	66.00	
0.55	66.00	
0.55	66.00	
0.55	25.30	
0.80	20.16	
	4.48	
0.23	2.58	
0.23	0.55	
	275.48 sq.m	
@	267.68/sq.m	73743=00

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M.A.R. 57 (Rule 116)

Measurement Book

No. C/09 228255

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	0.75	-	22.50	
		1	30.00	0.75	-	22.50	
		1	30.00	0.75	-	22.50	
						67.50 cum	
					@	1229.44/cum	82987=00
	9) Providing and laying cement concrete using 20mm and down size granite jelly & ready mixed concrete (RMC) for RCC work cast in 15cm thick layers and well compacted vibrated & complete						
		1	30.00	(5.1+5.0)	0.10	15.15	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	(5.0+5.2)	0.10	15.30	
		1	30.00	(5.2+5.1)	0.10	15.45	
		1	30.00	5.10	0.10	15.30	
		1	20.00	(5.1+5.3)	0.10	10.40	
						71.50 cm	
					@	6382.07/cm	456461=00
					Total		14,57,088=00
							1457518=00

Checked & found all items are correct
D.K. Reddy
Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.
30/9/14

Certificate:

Certified that the above work done is satisfactorily.

30/9/14

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Serial No.....

Name of work.....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	Sketch	

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.
30/9/14

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1457518=00		IT -	14575-		
		192961=00		VAT -	58301-		
				PSD	87451-		
		1264,557=00		LWF	14585-		
				CESS	1458-		
				Roy	15601-		
				Fine	1000-		
					192961=00		

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2